

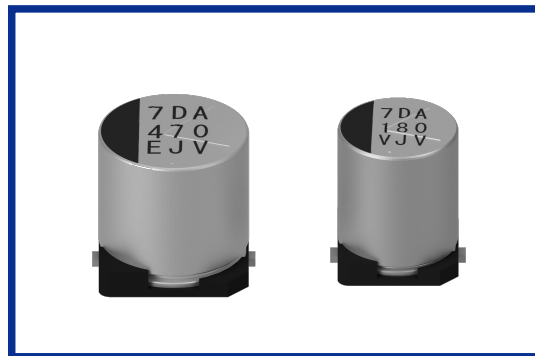
PJV SERIES

NEW

Load Life : 125°C 4000 hours (Hybrid Type), Chip Type

High Capacitance, High Ripple Current
AEC-Q200.

RoHS compliance



SPECIFICATIONS

| Items | Characteristics | | |
|----------------------------|---|---|--|
| Category Temperature Range | -55~+125°C | | |
| Rated Voltage Range | 25~35Vdc | | |
| Capacitance Tolerance | ±20% (20°C, 120Hz) | | |
| Leakage Current(MAX) | The value is shown "STANDARD SIZE" table (After 2 minutes) | | |
| Dissipation Factor(MAX) | The value is shown "STANDARD SIZE" table (20°C, 120Hz) | | |
| Test Condition | Endurance | After applying rated voltage with rated ripple current for 4000 hours at 125°C, the capacitors shall meet the criteria. | |
| | Biased Humidity | After applying rated voltage for 2000 hours at 85°C and humidity of 85%, the capacitors shall meet the criteria. | |
| | Criteria | Capacitance Change | Within ±30% of the initial value. |
| | | Dissipation Factor | Not more than 200% of the specified value. |
| E.S.R | | Not more than 200% of the initial specified value. | |
| Leakage Current | | Not more than the initial specified value. | |
| Low Temperature Stability | $Z(-55^{\circ}\text{C})/Z(+20^{\circ}\text{C}) \leq 2.0$ (100kHz) | | |
| Impedance Ratio(MAX) | $Z(-25^{\circ}\text{C})/Z(+20^{\circ}\text{C}) \leq 1.5$ | | |

DIMENSIONS (mm)

| φD | L | A ₁ | B ₁ | C | W ₁ | P |
|----|------|----------------|----------------|-----|----------------|-----|
| 8 | 10.5 | 8.3 | 8.3 | 2.9 | 0.8~1.1 | 3.1 |
| 10 | 10.5 | 10.3 | 10.3 | 3.2 | 0.8~1.1 | 4.5 |

Vibration proof package is also available

MARKING

※ Voltage Code

| | | |
|---------------------|----|----|
| Rated Voltage (Vdc) | 25 | 35 |
| Rated Voltage code | E | V |

MULTIPLIER FOR RIPPLE CURRENT

| Frequency (Hz) | 120 | 1k | 10k | 100k≤ |
|----------------|------|------|------|-------|
| Coefficient | 0.05 | 0.30 | 0.70 | 1.00 |

STANDARD SIZE

| Rated Voltage (Vdc) | Capacitance (μF) | Size φD×L(mm) | tanδ (120Hz, 20°C) | Leakage Current (μA/2min) | E.S.R. (mΩmax.) | | Rated Ripple Current (mA _{rms} /125°C, 100kHz) |
|---------------------|------------------|---------------|--------------------|---------------------------|-----------------|--------------|---|
| | | | | | 20°C, 100kHz | -40°C, 10kHz | |
| 25 | 270 | 8×10.5 | 0.14 | 67.5 | 25 | 38 | 1920 |
| | 470 | 10×10.5 | 0.14 | 118 | 20 | 30 | 2800 |
| 35 | 180 | 8×10.5 | 0.12 | 63.0 | 25 | 38 | 1920 |
| | 330 | 10×10.5 | 0.12 | 116 | 20 | 30 | 2800 |

PART NUMBER

□□□
PJV
□□□□□
M
□□□
D×L
 Rated Voltage Series Capacitance Capacitance Tolerance Option Case Size

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